

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A network security system, comprising:

a server connected to a network;

a received data storage means to store data with an external format which a the server received through the network, the received data storage means allowing data with an external format received from the server to be written, but preventing data from being read by the server;

a received data format conversion means to convert data with an external format stored in the received data storage means to data with an internal format, and to store ~~it~~ the data with the internal format in a received process data storage means; and

a host computer to execute a predetermined process utilizing the data with the internal format stored in the received-process data storage means, the received process data storage means allowing data with the internal format to be read by the host computer, but preventing data from being written by the host computer.

2. (Canceled)

3. (Currently amended) The network security system according to claim ~~[[2]]~~ 1, wherein the received data storage means is adapted to allow data with an external format to be read out by the received data format conversion means and adapted to prevent data from being written by the received data format conversion means, and wherein the received process data storage means is adapted to allow data with the internal format to be written by the received data format conversion means and adapted to prevent data from being read out by the received data format conversion means.

4. (Currently amended) The network security system according to claim 3, wherein the data with the internal format are stored additionally ~~with~~ for a

predetermined ~~time~~ of period of time into ~~the~~ a database of the host computer from the ~~received-processing~~ received process data storage means.

5. (Previously presented) The network security system according to claim 4, wherein the conversion process from data with an external format to data with the internal format by the received data format conversion means, and the additional storage process of the data with the internal format to the database of the host computer, are executed in a lump sum manner with an independent timing, respectively.

6. (Previously presented) The network security system according to claim 3, wherein the received data format conversion means is adapted to convert data with an external format to data with database format.

7. (Previously presented) The network security system according to claim 3, wherein the server is adapted to send data with mail format to the received data storage means and adapted to write data with an external format.

8. (Previously presented) The network security system according to claim 3, wherein the network comprises the Internet.

9. (Currently amended) A network security system, comprising:

a host computer adapted to execute a predetermined process by use of data with an internal format;

a transmit process data ~~format-conversion~~ storage means adapted to store data sent to the network, the transmit process data storage means allowing data with the internal format to be written by the host computer but preventing data from being read by the host computer;

a transmit data format conversion means adapted to convert data with the internal format stored in the transmit process data storage means and adapted to store data in ~~the~~ a transmit data storage means; and

a server adapted to send data with an external format stored in the transmit data storage means to the network, the transmit data storage means allowing data

with an external format to be read by the server but preventing data from being written by the server.

10. (Canceled)

11. (Currently amended) The network security system according to claim [[10]] 9, wherein the transmit process data storage means is adapted to allow data with the internal format to be read out by the transmit data format conversion means and is adapted to prevent data from being written by the transmit data format conversion means, and the transmit data storage means is adapted to allow data with an external format to be written and adapted to prevent data from being read out by the transmit data format conversion means.

12. (Previously presented) The network security system according to claim 9, wherein the conversion process from data with the internal format to data with an external format by the transmit data format conversion means is executed on an independent timing from the storage process of data with the internal format to the transmit process data storage means by the host computer.

13. (Previously presented) The network security system according to claim 9, wherein the server receives data with mail format from the transmit data storage means and sends the data to the network.

14. (Previously presented) The network security system according to claim 9, wherein the network comprises the Internet.

15. (Currently amended) A network security system, comprising:

a received data storage means to ~~storage~~ store data with an external format which a server received through ~~the~~ a network, the received data storage means allowing data with an external format received from the server to be written, but preventing data from being read by the server;

a received data format conversion means adapted to convert data with an external format stored in the received data storage means to data with an internal format and adapted to store data with the internal format in ~~the~~ a received process data storage means;

a host computer adapted to execute a predetermined process by use of data with the internal format stored in the received process data storage means, the received process data storage means allowing data with the internal format to be read by the host computer but preventing data from being written by the host computer;

a transmit process data storage means adapted to store data with the internal format sent to the network, the transmit process data storage means allowing data with the internal format to be written by the host computer but preventing data from being read by the host computer;

a transmit data format conversion means adapted to convert data with the internal format stored in the transmit process data storage means to data with an external format; and

a server adapted to send data with an external format stored in ~~the~~ a transmit data storage means to the network, the transmit data storage means allowing data with an external format to be read by the server but preventing data from being written by the server.

16. (Currently amended) The network security system according to claim 15, wherein the conversion process from data with an external format to data with the internal format by the received data format conversion means, ~~the additional a storage process of the data with the internal format to the a database of the host computer side,~~ the conversion process from data with the internal format to data with an external format by the transmit data format conversion means, and the storage process of data with the internal format to the transmit process data storage means by the host computer are each executed with independent timing.

17. (Currently amended) A network security system, comprising:

a server connected to a network, wherein a mail client and a mail server are arranged in the server;

a mail transfer section connected to a host computer side; the mail transfer section comprising a mail receiving section that is able to receive mails through a

communication line from the mail client but cannot send mails to the mail client; and a mail sending section that is able to send mails through the communication line to the mail server but cannot receive mails from the mail server ~~are arranged in the mail transfer section~~; and

wherein the host computer is adapted to receive a data transfer from the server through the mail receiving section of the mail transfer section but cannot write data to the mail receiving section, and is adapted to transfer data to the server through the mail sending section of the mail transfer section but cannot read from the mail transfer section.

18. (Previously presented) The network security system according to claim 17, wherein the communication line is a communication line dedicated to a mail.

19. (Currently amended) A network security system, comprising:

a mail server arranged on ~~the~~ a network side;

a mail transfer section arranged on ~~the~~ a host computer side; the mail transfer section comprising a mail receiving section that is able to receive mails from the mail server through a mail dedicated line but cannot send mails to the mail server; and a mail sending section that is able to send mails to the mail server through a mail dedicated line but cannot receive mails from the mail server;

wherein ~~the~~ a host computer is adapted to receive data transfer from the mail server through the mail receiving section of the mail transfer section but cannot write data to the mail receiving section, and is adapted to transfer data to the mail server through the mail sending section of the mail transfer section but cannot read from the mail sending section.